



CISCO2700_3A - Access point enclosure 3 WIFI antennas 2.4GHz

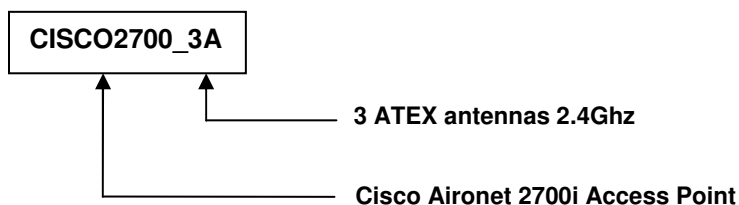
Protection mode:

Type of protection: 2G Ex d IIB+H²
 Class of temperature: T6 – T3
 Protection degree: IP66
 Ambient Temp : -20/+40°C
 Zones : 1-2



Access point **Cisco® Aironet® 2700** enclosure permit connection by radio to your WIFI networks (2.4GHz frequency) on your hazardous area environments.

Reference:



Furniture:

Housing	CCF7G, ATEX 2G Ex d IIB+H ² IP66 enclosure (ext. dim 400x500x200mm)
Antennas	3 x ATEX Ex d antennas 2.4Ghz WIFI (CTM-2400-TR) + cable
Cable entries	4 entries: 1 nickel plated brass cable gland size ½” NPT unarmoured (+kit seal 5.5 to 13mm) 1 nickel plated brass cable gland size ½” NPT armoured (+kit seal 5.5 to 13mm / 10 to 19mm) 2 plugs ½”
Inside	Cisco Aironet 2700i Access Point AT-MC 1004, Pluggable Media Converters

(Internal device supplied and mounted by customer following country installation of access point)



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Cisco Aironet 2700i Access Point: Indoor environments, with internal antennas
AIR-CAP2702I-x-K9: Dual-band, controller-based
802.11b/g/n

Input power requirements

- AP2700: 44 to 57 VDC
- Power supply and power injector: 100 to 240 VAC; 50 to 60 Hz

Power draw

- AP2700: 15W

Powering options

- 802.3at PoE+
 - Enhanced PoE
 - Cisco AP2700 power injectors (AIR-PWRINJ4=)
 - Cisco AP2700 local power supply (AIR-PWR-B=)
- NOTA: If 802.3af PoE is the source of power, the access point will dynamically shift from 3x4 to 3x3 and come up under PoE.

IEEE standards

- IEEE 802.11a/b/g, 802.11n, 802.11h, 802.11d
- IEEE 802.11ac Draft 5

Security

- 802.11i, Wi-Fi Protected Access 2 (WPA2), WPA
- 802.1X
- Advanced Encryption Standards (AES), Temporal Key Integrity Protocol (TKIP)

Extensible Authentication Protocol (EAP) types:

- EAP-Transport Layer Security (TLS)
- EAP-Tunneled TLS (TTLS) or Microsoft Challenge Handshake Authentication Protocol Version 2 (MSCHAPv2)
- Protected EAP (PEAP) v0 or EAP-MSCHAPv2
- EAP-Flexible Authentication via Secure Tunneling (FAST)
- PEAP v1 or EAP-Generic Token Card (GTC)
- EAP-Subscriber Identity Module (SIM)



Interfaces

- 2x10/100/1000BASE-T autosensing (RJ-45)
- Management console port (RJ-45)

Indicators

Status LED indicates boot loader status, association status, operating status, boot loader warnings, boot loader errors

Dimensions (W x L x H)

Access point 221 x 221 x 51 mm

Environmental Cisco Aironet 2702i

- Non-operating (storage) temperature: -30° to +70°C
- Non-operating (storage) altitude test: 25°C, 15,000 ft.
- Operating temperature: 0° to +40°C
- Operating humidity: 10% to 90% percent (noncondensing)
- Operating altitude test: 40°C, 9843 ft.

System memory

- 512 MB DRAM
- 64 MB flash

AT-MC 1004, Pluggable Media Converters

The AT-MC1004 Ethernet media converter is designed to extend the distance of your network by interconnecting LAN devices that are physically separated by large distances. These media converters have the functionality to connect any managed/unmanaged 1000Mbps (1Gbps) switch or hub using standard 1000T RJ-45 connections and convert the signal to a 1000SX port.

